REPORT

HIS EXCELLENCY THE LORD LIEUTENANT OF IRELAND. REGARDENS

FISHERY PIERS -

COUNTY OF DONEGAL, IRELAND.

By THOMAS STEVENSON, Pags. R.S.E., M. Issy, C.E.

Bresented to both Rouses of Bartisment by Command of New Majestu.



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Report to His Excellency the Lord Lieutenant of Ireland, regarding Fishery Piers in the county of Donegal, Ireland.

By THOMAS STEVENSON, PRES. R.S.E., M. INST. C.E.

On the 24th July last, I attended by desire of the Under Scortsay, a conference at the Castle, Dublin, spon the subject of the Dousgol Harbourn. At that meeting it was explained to me, that the design and construction of those harbours by the Board of Public Works, had been made the subject of complaints by the Courtly Surveyor of North Dousgal, and that the Ornal Jury of that county had saked that inquiry should be made into those charges by an independent engineer.

Various documents bearing on the question were put into my hands, and I was asked to make a local investigation and inspection of each of the harbours complained of, and to report to His Excellency my opinion on the questions valued.

The documents submitted to me were:-

 Copy Report to the Grand Jury, by Mr. Harte, County Surveyor for North Donegal, dated 11th March, 1885, on the Piers and Harbours of the County of Donegal, presented at Spring Assizes of 1885.

 (2). Copy of same Report, excluding the Piers and Harbours of Southern Donegal.
 (3). Copy of Report on the Piers and Harbours of Southern Donegal by

Mr. Gahan, the County Surveyor of that District, also presented to the Grand Jury at Spring Assizes of 1885.

(4). Copy Report by General Sankey, Chairman of the Board of Works, dated 19th September, 1884, with an appendix and map.

(5). Copy of Resolution of the Grand Jury at Spring Assizes, 1885, on the subject of these Harbours and demanding inquiry.

(6). Report by the Chairman of the Board of Works, to the Under Secretary, dated April, 1885.

(7). Working plans and sections of each of the Harbour Works, with general map showing sites.

I also received from Mr. Sinclair a long letter dated 29th July, 1885, giving mach information regarding many to the Hattours and have received the source of my impression as memorial regarding the Hattour at Culdadf, and a too gove resolution of the Ground Jury at Summer Assistes of 1885, as to Culdadf, and a spatia with when I abound communicate. I also received from Mr. Hatto, after my impactions had been faisided, notes regarding the Decapel Place.

The whole of these documents I have carefully permed and considered, and having visited the various Harbours, along with the County Surveyors of each district, and obtained local information, I have the honour to submit the

following Report :-

I think it unnecessary to notice seriation all the allegations which have been made regarding the Harbour Works, which have been carried out by the Public Works Board, in Donegal, or the explanations and confustations which have been offered in respect of these charges, but simply to state the opinion which I have myself formed of the design and construction of these works, and their present condition, as based upon a personal inspection, and upon information received on the spect from the fisherman and others.

I have put in an appendix the information received at each harbour, with

small illustrative plans of each place, and I have also added the opinion which I formed, and wrote down on the spot, both as to the condition of the harbours, and what further improvements seemed to me to be wanted. The information

given in this appendix renders a lengthened report unnecessary.

The works which have been carried out by the Public Works Board, are not in the strict sense of the term harbours. In no case has an area of sheltered water been enclosed; where boxts might lie with safety in all states of the weather. Many of the works are simply landing places, partially sheltered by short piers or breakwaters, intended to enable boats when the weather was suitable to approach the coast and land their fish, and be afterwards drawn up on the beach or on-alins provided for the purpose, so as to he heyond the reach of the surf during storms. This description of work appears to be well suited to the wants of the Donegal fishermen as they at present exist. The fishing population is distributed pretty generally all along the cosst, and prosecute the fishings as near to their homes as possible; so that by the construction of a number of small ports, much greater facilities are afforded them than would be, by the construction of two or three large expensive harhours situated at great distances from the homes of the mon. This system of working necessarily implies the use of small hoats, and consequently the emft employed are only about 24 feet keel, and carry about 3 tons. It is to this class of boats that the works executed have been adapted, and have been in my opinion in almost every case well designed. The fishermen I found to he most grateful for what had been done for them, and any demand which they made, was with one exception, (viz. :-- the removal of the slip at Bunstrohan), not in the way of change requiring the demolition of anything which had been done, but of extension or further improvement, generally of a moderate and reasonable nature; indeed, I feel bound to say that in my interviews with the fishermen, I found them to be a most intelligent class of men, and quite competent to judge of the effect, which the proposals they made would have if carried out.

With regird to the size, shown for the piers, I find that there is general sathletical sense give men in the boundly of the piers which have been minds, the complaint being that sidelitional piers are weated, and not against those which exists. No doubt at Dormoin is twa stated diff this pier should have been at a pick further sowerd, and corried into desper water, but in any originate these expenditures which such as vow toul favority, would be sabgestime of the state of the seas. A cultural statement was made to me at Part Nos, by Mr. Stott, who proposed that the pier should be father out, and carried into a taplat of about 50 datums, as well coving a very large appositive; while the opinion of others was that the pier should be rebetle on the former size, and the beat detected for the size of the counts, with which opinion I fully and the beat detected for healing up those, Well which opinion I fully and the beat detected for healing up those, Well which opinion I fully

Regarding the stability and general sufficiency of the works, I am of opinion that, notwithstanding the existence in some cases of alight cracks in the concrete work, that the works are substantially executed. The only exception to this being the pier at Buncrana, which is constructed of masonry, and was designed by Mr. Forsyth in 1868, a date prior to the general adoption of concrete for harbour works.

If there has been any fault it is that economy has perhaps been carried a little too far, as some of the parapet walls have been made rather thinner than I should have thought advisable; but the works have been tested by very sever atorms accompanied by high tides, and do not appear to have

suffered any serious injury. The result of my inquiry is such as to satisfy me that there has been nothing in the proceedings of the Board of Public Works or their Engineer, or of the Fisheries Commissioners, in regard to those harbours, to warrant the charges which have been brought against them. On the contrary, I am of opinion that their having carried out such a number of harbour works in so short a time, on such a very exposed part of the coust, with an almost entire freedom from damage, and to the undoubted generally expressed satisfaction of the fishermen, is highly creditable to the Board; and will, in my judgment, compare favourably with the proceedings of any harbour authority in the country. I also beg to state, with special reference to the allegations made regarding the shortening, &c., of the Teelin pier, that I have particularly examined the whole documents relating to the transaction, and I am satisfied that it was conducted in the most regular manner, and that there exists not a vestige of foundation for the reflections upon the honour or the professional reputation of the Chief Engineer.

regulation of two Guess of the greens my every many obligations to Mr. Gahan and to I have only the express my every many obligations to Mr. Gahan and to Mr. Haste for their obliging anistance during my impulsions in the scentry, and for the anistance of Mr. Manning, who placed freely at my disposal the whole of the plans and other documents connected both with the old and more recently constructed hardown of Denegal.

THOMAS STEVENSON.

Edinburgh, October 2, 1885.



APPENDIX.

NOTES ON IRISH HARBOURS.

JULY AND AUGUST, 1885.

Visited on 28th July, with Mr. Gahan.

This girr is substantially built, and shows no sign of weakness whatever, the parapet at h

ward and it (so low, and the accumulated are manner or uge of weakness whatever, the parapet at hand-ward and it (so low, and the accumulated are manner over it, and has been out some of the pitching, which is lold dry. The poor to built of mannery in connect marker. The store is a hard candidous gos on the beast above high water mark.

The defect of the plan is that there is a receil sea from a somewhat abrapt face of rock opposite top of basels. The convasions at basels require to be extended loadwards, and aloped up to form a spend for the own and provent resond, also to crashle beauts to be braided up out of the water during sections. This cought to be show, but is implies a new read to the prov, and a good deal of excavetion. If this were done the present slip would not be required, and might be removed, as it is

on recommendation of the control of This place is susceptible of great improvement, by length-using the pier and sheltering more of

the lay. If a larger scheme were to be scherismed the pier should be extended strought ont, and the recks outside presses and removed. The extension of pier, I should recommend to be a saint There is about 10 to 12 feet rice of tide in Donogal buy at suring tides, and 7 feet at news Ton bests, of 24 feet keel, belong to this harbour, and strangers come sensitions; one in to day,

KELLY'S ROCK. Visited 28th July, 1885, with Mr. Galesa

This is a place about five miles to the castword of Bunstrohan. At it there is a cartain amount of natural shelter affected by a proposing shall of rock, laude of which there as an extensive sandy

or notions shower assessed by a projecting small of room, should of beach, the upper portion of which is covered with coarse shingle. Large quantities of hereings are sometimes eneght in this neighbourhood, and it was stated that Large presented of historings are numerous seemed in that registerates at the first seement as 200 points sometimes of the crue for register to the whole of which have to be handed up into a field at log of beach. No finding of any other kind represent to be prespected from this place, but I found it to be well known to all the falsermen in Danagal buy of its as Minkings, as within places, but herever, name of the resident habermen had over bound of it. In the event of further barboar extensome this avers a likely place for adoption, though these may be some risk of trouble from the

The accompanying sketch is from the Admiralty survey.

from near St. John's Point.

MOUNT CHARLES.

Vented 29th July, 1885, along with Mr. Galasa.

This ploy, which was erected no far bank as 1848, is in a mate of perfect con present requires no repair, except a corner cope store which has ordered by control of all a service of our service, and also a few feet of coping above outer stair which have been made

of a non-moin, whom has recommended and construct.

A short piece of the renor quay well near leadward end, has been underplaned, but the usofulness or smalldier of the pore is not in the slightest degree affected thereby. Two vessels were lying at the rier, but no fishing bosts belong to the pince.

the pier, but no fishing beats belong to the piace.

This pier has proved to be made a communical them a fishing pier, although it is frequently used
to be a proven when the beats caused not us to Donogai. With railway communication its for lauring hearings when the boats cannot get up to Donegal. would probably be very much used, and prove of weath sorves to the adjoining community.

INVER. Visited this place 29th July, 1885,

It has at the hand of Inver boy, shout 8 miles by road from Donegal. There are no works of any kind at present, excepting a perch marking the mouth of the river at low water.

I met with a number of fishermen here who stated that about twenty bosts slaked from it twelve of them being of 194 feet keel, and eight of 24 feet keel. Six men are required for each

The bar of the river is about day at low water. At about 24 hours fleed, boats landed with fish can gat in. The worst wind fire the port is south-west; bein no bosts have over bean lost taking the part. The summer fabring consense of pisios, whicking fac; winter and harvest of speak fishing and maskees!.

folding and modernel.

The berring fielding is not those good the reserve point. Stone years the boost have made as The berring fielding its not those good the reserve point. Stone years and the stone of the stone I am of spinion that this place is worshy of being improved in the meaner suggested by the

The accompanying sketch is from the Admiralty survey.

BALLYSAGART

Visited 31st July, 1885, with My. Galan. A portion of the recity beach has been excepted to a uniform alops to snable heats to be easily

A perillic or not receive seem and seem seem to a uniform the period of the bonds has been protected by a freedwarter. The trenkewater appears now to be quite seem throughout. The fishermen solvie that it would be an improvement if this breakwater were related a few feet is the handward and to provent the san from some grown. Betwire the breakwater and the cloured channel there is a considerable space of very rough Diffusion to recent years and the contract and the contract as there is carry the fish. These redes ought to be recorded off and, as places, tends up with convent. The spracely face of this recky ledge next the channel storal has be decored off tenech, or what would probably be extain, faced up with a breast wall of concert for along it of tened, or what would probably be extain, faced up with a breast wall of concert for along it is a storage of the contract of the storage of the contract of the contract

which are lying upon it removed. which are Verg types is removed.

Thereby distinction were present at my visit, some of whem had been at the place all their lives. They stated that are least, of 24 teet keel, belonged to the place. Six men are required for each beat. The summer fielding is for aslaten, under a limine; four beats are incomed, they also the harming and medicine disting heavies, and winter. Of from stone to delating heavies, they also the harming and medicined disting heavies, and winter. Of from stone to delating heavies,

none without the shore; go for herrings sometimes as for as Mullaghmore, where they remain for the Sching in that solubbors bood. Box not so heavy here so of Burariezhan. The fishermen know Kelly's Bock, as principal place for hering fishing. There is less not at Kelly's Rock than here. Would like to see breekwater made at Kelly's Rock.

Would also like to see Banstruken improved, by extending beach and lengthening plan.
Worst wind here, for see, is seen and couth-see. Can take harbour easily. Consider beachwave is built in right direction.

Have seen many stranger boats here after herrings from all parts.

Mullaghtere test terrorer in eay.

Get cod in winter and a few hashingke. Trawlers get sole and turbet, and take them to Descent. onegot. Bosts have often been davasged here, and men nearly drowned before pier was built; but no accident has occurred since. They place great value on what has been done for them.

Cod banks are about 15 miles west of Redshin O'Birne. If they could get hig boats they would

be gled, and could make lets of measy. list, and could make and of money. See "log" bais for small white dish, and herring for cod. No mossel belt to be had Pier was built at the request of fishermen

Twelve fishermen were present and they all agreed in the above statements

PORT OCHRE

Virited 31st July, 1885, with Mr. Gaban, Port Other is situated on the southern shore of M'Swyne's Bay, near to Ellemore Point. This landing place is formed fromto of a long ridge of rooks, over which the sea breaks in northwesterly storms. It is shellered from the nonth-west, and its of greet use to boats fishing in M Swyne's Buy when the weather is such as to prevent them recording St John's Point. The works consist of a deepening and smoothing of a long channel matte of the ridge, forming a landing clip at its upper and, and a level space for harling up been; also a protection wall seaward of the site and channel. The works are all earefully and substantially executed, and appear to be

standing well. SEARMING WILL.
The filterance stated that they would like to have a low breast wall formed alonguish the
chemnil, and portions of the bod of channel ones rooter and somewhat despected. They she with to
have exceed account in the bast yletthers a strong protection will, as in its present exposed state the bests are liable to be blown away and destroyed during north-was gales. The demands of the fibbrenes appear reasonable, and should be considered favourably. Many stranger beats not this place occasionally.

BRUCKLESS PIER. Visited on 31st July, with Mr. Gahan.

This is an old pier constructed in a small falst at head of M'Seynu's Bay, about the year 1847. It appears to have been considerably disreged by a high this and storm in January, 1884, but has since been required. Small vessels come to this yield arrestimes, with congoes for Dunkinsely and

WILLVERGS.

Visited on Slat July and 1st August, with Mr. Gahan. This is a good natural harbour escable of hobling a large number of boots and vessels drawing

18 feet at low water spring tides. Its position is marked by a lighthouse on Rotten Island at east gids of outcomes. Spring tides rice 11 feet, name range 5 feet. Was met here by a number of Patrick Descript—Am a fisherman. Have got a boot of my own—a 3-ton bank, 24 fact lead,

Farried Bussus—Am a sharram. Have got a tool of up orn—a f-on bus, 21 feet leel. Finded here for his twick year. De sushing 18.0. On thereof with one of found in Docupil Bay. Ornest week any heading place here at low water. Goals and shi, whilein antion, the property of the property with. It is very until.

Gid consequent station of Tribane could be early improved. Mullinghmere a grand place.
The only place where we think money has been unleasly spant in Trellin; Beinstrubes very
statis. Invest is a great record during the winter sharey on this costs. Knove Kelly's Hook, has

been eight weeks there fishing; can get been accommedation there. Has also been to Invertishing. Mount Charles useful to fahormen sometimes.

Five boots were washed away at Pert Ochre in a sterm of November, 1881*. World like the pler at Killybegs to accommodate a siesmer. Bix heats belong to this port; three at Luggy, and three at Porton-Crees, in Fintengh Bay. No

aveil inside Killybegs, and good hedding ground.

Fourteen fishermen are present and all agree with the above

Mr. Murray Stewart's per scene to be the one which should be extended so as to let boots land fish at low-water, also to allow steamers to come alongstic. It appears that about 160 feet long of be of members as there are marino inserts here which would during other timber; but a current

be of precisions as times one marine interest near variety winter which revision from the analysis and borings would be received before finally determining the analysis.

Three travbiers were lying at this pier on beath.

It seems to use that no it from chard to go to lost in foundating pier ecommodation for a consting steamer from Glassow or other ports, in order to supply a market for the fish.

POOLHURRIN.

Visited 1st August, with Mr. Gahan.

On the even coast, about 12 mile to the eastward of Muckross Head. A slip has been formed in the singuing face of the rowly freedors, and laid with cross sloopers to facilitate the handing up of beats. It is protected from exercising a breakwater. The whole week opposer to be standing well, and has withstead of heavy steem and high this stoon in the constructed, and was stated by the faborance to be of the greatest use to them, and a great saving to their bonts, which they say will now last ton years, in place of three as before-

Seven bests belong to the place with seven men each ; stranger bests often come. Fish for berring, salmen, cod, &c. while the faheresen are highly outsided with what has been done, they are sexious for additional

improvements, vis. :-- the lengthening of the breshwater 13 yards, the cetting away of the recin some on which approach is group warm means or present acceptance on coeff in delibidit of high, and that some others at cold of brankering, and also on boards at share only also like the eleveral away. These requirements are all reasonable and desirably, and could be only carried out excepting the lengthering of breakwater. The breakwater could be lengthering of additionally about 10 feet, as the recits day to that extent beyond the cod of it at low water spring titles.

John M Balen and other fatherness know Kolly's Rock. Would think that something might

* Before now plor was built.

be done there.

AWNY PIER

Visited on 1st August, with Mr. Galun.

Theory pier is situated in Toway Bay, about 1½ mile to the wortward of Mockrean Hand. A result pier has been constructed on the based above low-varior mark upong titles. Fishermen, were all sharely, accept see.

The pier is constructed of concrete and in stranding well. Five boots belong to this place with six or sever most to each book. They go to fish so far as Mainbay and Killyberg; get Hing, ood,

are or seven more to each bons. They go to fish as far as Malinbeg and Killybegs; ges fling, end, whiting, hadderks, beering, and lebsiers.

They find the jeter very useful. Boots can lie inside in any weather, except such a stern as

commend two years ago in Jamesay, when the basis have to be healed up; for this purpose they want a slip, and there is a convenient place for one at out end of real retaining wall, now pier, which eaglet to be constructed.

TERLIN

Vinited on Lat August, with Mr. Gahan.

Toolin pier is situated in the nonth-western bight of Teolin Bay, in a position of omsiderable shables, but is, notwith-lamiling, relayed to a beavy run of sea in senth-westerly obstruct. The pier is constructed of converte and extends isse a depth of 18 feet at lew-water ordinary updagtions, the original intuntion having bean to extends in 19 feet farther.

thins, the original intention having beas to extend 9 19 for further.
This pice has been consistered in a careful and relativistic resours. There are some "hair" excels in certain parts of the kind, and they are in certain parts of the kind, and they are lated, in this case, such as to come say about. The sixtern, action, of whem I now sixtern, stated that

there has been us pool finding here for twenty wear; but there are a present afterward has the plant of the twent of the way who has lines. The blanks do an arrange by limit third has the plant, and the plant of t

A schoom failing is carried on from the pior, in which twenty-eight fighters an are engaged. The other finite complete of this as interfecting with their me of it. The only sumpoints are that the bottom simplified of pior is very result, and that the storess dendle be removed. This complaint is certainly justified, and ought is be attented to. The read ought also to be restored and protected by a relatifier will in a relational conserv.

The fishermen at this phose stated that they sometimes benefit by Pret Oxfore landing-place.

Mr. Wolker, Pier-Gorastable, keys there is very little tends at the pier;—tends gons to a pier
higher up the ortney. Pree scores to have been made in antisipalson of trans.

Recommended the faborways of whom short twenty came up to Carriet's about their complaints

assistance are assertion, or whom about twonty came up to Carriek about their complaints against those engages in Saling estions from the residue, of the jun, to make known the greunds of their complexits connected with the submin fishery, to the Teibery Couradeoners, in order to get these solided, and the means of working the pige of disaded satisfactorily.

MALIN BEG.

This pier I was unable to resal, but it was violed by Mr. Brebser, who accompanied not, and whose notes I append.

This is a small erect new Malin. Head, arranged by productor node of constitution, the highest and lying even to be need to seen, and esquest for a very low year with the wind a from that direction. The works continued comint of a long steep ally for builting up beats, and a businesserel with high same can construction (of. The works we will in good outsered; that necessary the same constructions of the two constitutions of the production of the same constitutions of the same constitutions of the same constitutions of the same constitutions of the same works where events here have been of well of the same constitution and the form work or well over the constitution and the first works after the very large way to be same constitution and the form works were received, but in a said of the same constitution and the first works are received by the said of the sa

Bosts are also much cashe kept in repair now.

Eight bosts belong to the port, with from five to eight must in each beat; jet ool, ling, Indialok, mackerel, lebelung, do.; jet ook about 1 jet off—concetume 200 to each beat at on their; principals, mackerel, lebelung, also in some. Eigh atmusers sometimes call and take away herrage. Many through also the consent from Technic, do.; alout akty beats have been liter after the harring transpression comes from Technic, do.; alout akty beats have been liter after the harring transpression.

What the fabrician principally want here in addition to the restord accommodation in a sheet place of brackwater, extending short ladd very across the creek, and some steps to get out of their beates on to the pier. The shalls of this, these want same report, and they are rether shert.

A survey with securitary would be required to enable a decided epinion to be given regarding.

PORT NOO.

The pier, which was ereted at Port Noo thirtysit; years ago, is now in rains, and the little credit induced retirely filled by the debrie.

There met Mr. Hamilton—the Recorder of Corb, also the Chief Officer of Cosat Grazal ones or two fibermons, and I was informed that there were about freely besis fifting from the

chren rillies off. Heavy seas at in here; connect here; a best affine.
Francis flower would like a brack-case from cucke further one, couried into about six fathons water.
The spinion of the Ceast Grard Officer is, that a pier should be ercoted on farmer ofte. This is also the opinion of Mr. Hardillon.

The symmetry of the Count Grard Gibbs us, that a pier should be exceed on firmer size. This is also the opinion of Mr. Hamilion.

If pier were rebuilt is is expected that abous farily beats would find here. Venucle also land mank, for, and those are large observe as the harbour belonging to increbants in Glomins. A survey would be required fice a new pier.

This tyaler has a certain situatings in bring obser to the anchorage of Church Pool, where vassels

bound for it could find shalter if necessary.

BURTON PORT. Visited 4th August, with Mr. Galan.

This yier is all in good repoir, and very morful to the district. It is used by boats pensing to and from Arranance, and small 'woulde bringing surplus to an extensive district of country. The pier could solid by a bangkarsel, upon the rock, for a distance of about fifteen feet at a small expense, and I shink this should be done.

BANAGH -- ARRANMORE

Visited on 4th August, with Mr. Galen.

This fore exceisits partly of some and partly of concrete, careful cut to however springs. These several flex has could in this exceess work of the hast of the pick to design much expectation. The characteristic parts many siness one typic along that pick up to design much be a part many siness are typic along that of pick which should assembly as in so more soleton as pick or and which the along the characteristic partle should not be picked. There were not so controlled to the characteristic partle should not be a picked to the characteristic partle should be a picked to the characteristic partle for more partle. They also controlled the Dunglewood Bellewood Bel

BALLYNESS.

Visited on 6th August, with Mr. Horte.

This pier is in a reissation quite shaltered from the me, and weather an its at it at any time;) but a strong exercise can obtained upon the end of it, and is said to have demand the hand by sourcing the said of the strong of the said of the sai

PORT NABLAHY—SHEEP HAVEN,

Visited on 6th August, with Mr. Harte.

This pier which was constructed in 1849, in much by finding basis, size being two or sizes in large bases of finest energial; two runs got see also respects. Out and line per sea enagles of fory labous inscringes have lish the coses for ten years, but appear to be certaing book upon. There is a naison and belefer fishty γ or the pier with other and pier book, and clear ground almost a size of the pier with the consequence of the pier with the pier with the pier with the pier better and pier book, and clear ground almost after of pier. There is a run on beath with surface on to not the pier on account of which is called the variable and the pier better than the pier of the pier better than the pier of t

The jet yeconia a robotanisi appearance. Even shows, is it stated, came out of the basis of lets too time, but were epidessed and recently by welges. The pitholog or robotapy of pite its restrict regist for conting, and about for a certain which, be generally up welges. The restrates to the lettors it generally bequered by welgest most within exercis to recent the buty restrict to the proper layer with the robots which the robots the proper has precised and well the robots of the pitch the robots of t

The information or to loate was get from the Parr Controller.

DOWNIES PIER.

Vicited on 7th August, with Mr. Harts, at about four hours flood.

This suppose to be a substantially belt juic of consects in Dermits kay, on the newthern show of Boxty Barron.

Of Boxty Barron, and all only point of one point in the whole, requiring counts by a minimum of the hearing. There are then correct face model in the converse work at vertical place of the standard in consecue. There is no read to be to juic at given and it is abover; intend of pier dark married and the standard in the converse of the standard content of pier dark married and the standard content of pier dark married and the standard content of pier dark married and the standard content of the standard content of

here in spring for cod, ling, &s.—deep see fishing—she did not succeed we The men where I sew think that sand may clear away sgain in winter.

Inspecialities to held heavy-scale at yier in vision.

The pier for quart sate to the filterance, but they would like to have a slip formed, more the indexest cat of if, to cratile them to have up which so the adole thin would be of great value to them, and juried, some names of healing up bests in an essential where here is no harteen in which boosts can round in softly in strengy-weather. I recommend the formation of this thing, and a commonstantia ty not abruil section by formed.

RATHMULLEN. Visited on 7th August, with Mr. Herte.

The pier represent to be standing well, and is of great use. The corter and has been protected with strong timbering. Several fishing beats use this pier, and the forcy seasons calls at it in commandon with the Loch Scrilly Railway.

BUNCRANA.

Visited on 8th August, with Mr. Harte.

This per in manuacy work, not was designed by Mr. Forcych in 1985, a doin prior to the ground adoption of encounts for hardent works. It is has been trull in a rather rough and asserdes manuacy, and the end of it has been at different three decoupted. It was, however, at the time of my wist, in a fair state of report, though in a state finishes for three storages by beavy shown. Three were no line fining both here, but two involving, two charmons, and non-most were bying at the play, and North west which is wears for each were bounding past for disaphetically and the plays and

CULDAFE

Visited on 10th August, with Mr. Harto,

This pier is in peopress. There were present at mosting—Mr. Young, the proprieter—the Sequeristation of the piers, and a number of fishermers.

A strong definite had been expressed to have this pre-extended 60 feet, and I was informed that the Beard of Works had agreed to extend in 35 feet, which is was presumed would be as for as the final as disposal would also fishermers. The pier is being exceeded in a "obstantial manner, and the fisher-

men expect it to be of grave use to them.

Three heats belong to the place at present.

The space inside of place is very confined, there being rocks very near to it.

The space inside of this is very certained, there being recite very more is it.

Our falterms are allowed from Green join of regressed a claim to have as feet built there, where
a version of other beatson living. Green is about 14 miles to weitween,
the contract of the beatson living. Green is about 14 miles to weitween,
the contract of the property of the contract of the contrac

MOVILLE .

Whited on 10th August, with Mr. Harte.

The Memorialist desices a pier constructed at Moville, extending from what in called Whislow, Rock, 050 feet out into Longik Peylo.

The present jet is at open timber werk, and it kept in repair by the Londonberg-Part and Harbory Commissions. A small backers also exists to the sweath of ninter jet mod by small boats. A stoop pier contain John J. 300 peaks to the vent-word of Lunker jets, which it und by cought. This jet is she in charge of the Londonberg-Part and Harboric Commissioners. See the Londonberg-Part and Harboric Commissioners. See the Londonberg-Part and Harboric Commissioners. See the Londonberg-Part and Harboric Commissioners.

Edinburgh, October 2, 1885.

THOMAS STEVENSON.

Dubles - Traded by Arms. Then is Co. (Leading 197, 19, 2 to, Abbryoston, The Quest's Printing Office For Her Happing's Designatory Office.





DONEGAL HARBOURS

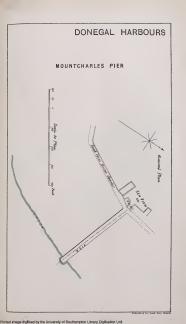
BUNATRUHAN BOAT HARBOUR



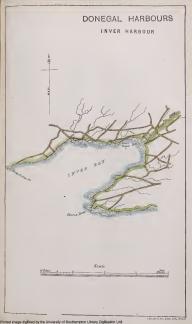














DONEGAL HARBOURS

BALLYSAGGART SLIP & BOAT HARBOUR

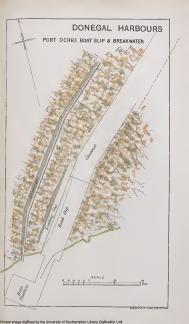




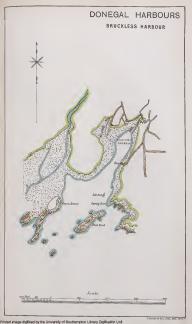


Sens for Choice Section and Ventural Scale for Long Section

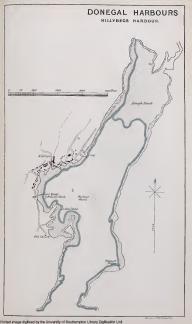




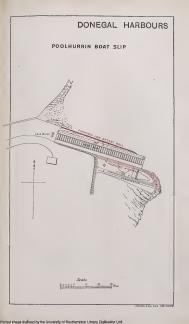




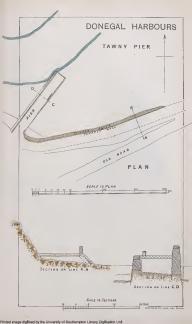




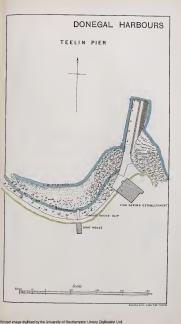




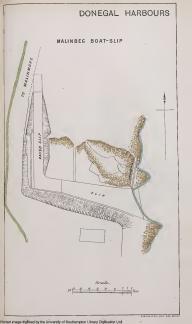




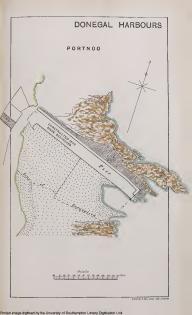








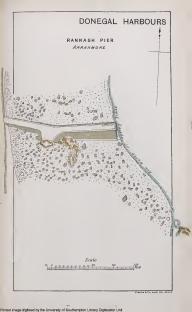




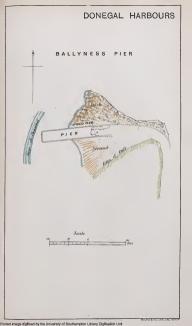




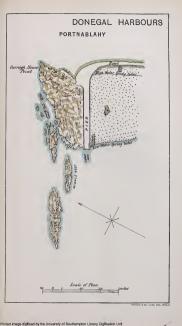














DONEGAL HARBOURS DOWNIES BAY PIER





